



Congress of  
Neurological  
Surgeons

## Skull Base Fellows Course

August 29–30, 2019 • Cleveland, Ohio

### Course Director

Nicholas C. Bambakidis

### Faculty

Sepideh Amin-Hanjani, Brian D'anza, Paul Gardner, Yin C. Hu, Louis J. Kim, Cliff Megerian, Sarah E. Mowry, Peter Nakaji, Pablo F. Recinos, Kenneth Rodriguez, Maroun Semaan, Carl H. Snyderman, Joseph M. Zabramski

### Course Description

This course is designed for skull base fellows or early-career neurosurgeons with an interest in skull base surgery. The two-day intensive course will include a combination of lectures, case-based discussions, and cadaver dissections designed to cover the basic surgical approaches and anatomy required of every skull base neurosurgeon. Faculty will include neurosurgeons and ENT surgeons who will demonstrate both posterolateral transtemporal surgical approaches as well as endoscopic endonasal anatomy and surgical options.

### Learning Objectives

Upon completion of this course, attendees will be able to:

- Discuss indications for surgical treatment of lesions of the cranial skull base
- Perform endoscopic endonasal approaches to the anterior cranial skull base and sella
- Describe transtemporal approaches to the cerebellopontine angle and posterior cranial skull base
- Perform skull base approaches to the middle and posterior cranial fossa

### Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME). The Congress of Neurological Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

### Credit Designation Statement

The CNS designates this live activity for a maximum of 17.25 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

# Agenda

**Thursday, August 29, 2019**

*Endonasal Endoscopic Approaches to the Anterior Cranial Skull Base*

7:00–7:30 am

**Welcome and Breakfast**

7:30–8:00 am

**Basic Intra-nasal Anatomy and Anatomy of the Pituitary Gland and Parasellar Region**

Kenneth Rodriguez

8:00–8:20 am

**Equipment Set Up and Operating Room Strategy**

Carl H. Snyderman

8:20–8:45 am

**Indications for Surgical Resection of Endonasal Pathology**

Pablo F. Recinos

8:45–9:30 am

**Resection Techniques with Intraoperative Examples**

Paul Gardner

9:30–10:15 am

**Reconstruction of the Surgical Defects**

Carl H. Snyderman

10:15–11:00 am

**The Far Lateral Approach and Its Variations**

Louis J. Kim

11:00–11:45 am

**Break and Lunch**

11:45 am–5:00 pm

**Laboratory Session**

Endonasal Endoscopic Approaches, Orbitozygomatic Approaches and Variations

6:30 pm

**Shuttle departs Courtyard Marriott for course dinner**

7:00 pm

**Course Dinner**

**Friday, August 30, 2019**

*Posterolateral Skull Base Approaches*

7:00–7:30 am

**Welcome and Breakfast**

7:30–8:00 am

**Anatomy of the Posterolateral Skull Base**

Joseph M. Zabramski

8:00–8:45 am

**Indications and Approaches for the Management of Skull Base Pathology**

Nicholas C. Bambakidis

8:45–9:30 am

**Posterolateral Skull Base Approaches for the Treatment of Skull Base Aneurysm and Bypass**

Sepideh Amin-Hanjani

9:30–10:00 am

**Approaches and Indications for the Treatment of Cavernous Malformations and AVM**

Peter Nakaji

10:00–10:30 am

**Orbitozygomatic Approaches and Variations**

Yin C. Hu

10:30–11:45 am

**Transpetrous and Combined Approaches**

Maroun Semaan, Sarah E. Mowry, Cliff Megerian

11:45 am–12:30 pm

**Break and Lunch**

12:30–5:00 pm

**Laboratory Session**

Retrosigmoid/Translabyrinthine/Transpetrosal, Far Lateral Approach and Variations

5:00 pm

**Course Adjourns and Departure**

*\*Agenda and faculty subject to change*